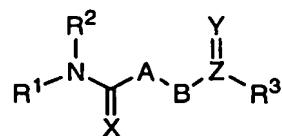


What is claimed is:

1. A compound according to Formula I,



I

or a pharmaceutically acceptable salt, hydrate, or prodrug thereof, wherein,

R^1 is selected from optionally substituted C_{1-10} alkyl, optionally substituted aryl, optionally substituted aryl- C_{1-10} alkyl, optionally substituted heterocyclyl, and optionally substituted heterocyclyl- C_{1-10} alkyl;

R^2 is selected from -H and optionally substituted C_{1-6} alkyl;

or R^1 and R^2 combine to form an optionally substituted three- to seven-membered heteroalicyclic;

A is a C_{1-3} alkylene optionally substituted with one to four of R^6 ;

B is selected from -O-, $-\text{N}(\text{R}^4)-$, $-\text{S}(\text{O})_{0-2}-$ and $-\text{N}(\text{CH}_2)_2\text{N}(\text{CH}_2)_2-\text{S}(\text{O})_{0-2}-$;

X is selected from =O, =S, and $=\text{NR}^7$;

Y is selected from =O, =S, and $=\text{NR}^7$;

Z is C; or

$\text{Z}=\text{Y}$ is either absent or $-\text{CH}_2-$;

R^3 is selected from -H, halogen, trihalomethyl, $-\text{OR}^5$, $-\text{N}(\text{R}^5)\text{R}^5$, $-\text{N}(\text{R}^5)\text{SO}_2\text{R}^5$, $-\text{N}(\text{R}^5)\text{C}(\text{O})\text{R}^5$, $-\text{NCO}_2\text{R}^5$, optionally substituted alkoxy, optionally substituted alkyl, optionally substituted aryl, optionally substituted arylalkyl, optionally substituted heterocyclyl, and optionally substituted heterocyclylalkyl;

R^4 is selected from -H and optionally substituted C_{1-6} alkyl; or

R^4 and one of R^6 , together with the atoms to which they are attached, combine to form an optionally substituted five- to seven-membered non-aromatic ring;

each R^5 is independently selected from -H, optionally substituted lower alkyl, optionally substituted aryl, optionally substituted lower arylalkyl, optionally substituted heterocyclyl, and optionally substituted lower heterocyclylalkyl;

two of R^5 , together with the atom or respective atoms to which they are attached, can combine to form an optionally substituted five- to seven-membered heterocyclic;

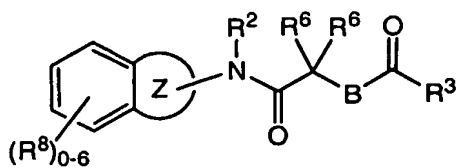
each R^6 is independently selected from -H, halogen, trihalomethyl, -CN, -NO₂, -NH₂, -OR⁵, -NR⁵R⁵, -S(O)₀₋₂R⁵, -SO₂NR⁵R⁵, -CO₂R⁵, -C(O)NR⁵R⁵, -N(R⁵)SO₂R⁵, -N(R⁵)C(O)R⁵, -N(R⁵)CO₂R⁵, -C(O)R⁵, optionally substituted lower alkyl, optionally substituted aryl, optionally substituted heterocyclyl, optionally substituted lower heterocyclalkyl, and optionally substituted lower arylalkyl;

two of R6, together with the atom or atoms to which they are attached, can combine to form a three to seven-membered non-aromatic ring; and

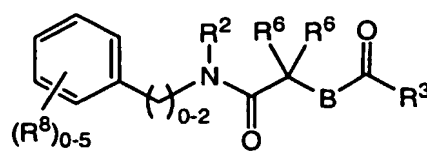
each R^7 is independently selected from -H, -NO₂, -NH₂, -N(R⁵)R⁵, -CN, -OR⁵, optionally substituted lower alkyl, optionally substituted heteroalicyclalkyl, optionally substituted aryl, optionally substituted arylalkyl and optionally substituted heteroalicyclic;

provided the compound is not one of: 3-benzoylamino-3-phenyl-propionic acid (6-methoxy-benzothiazol-2-ylcarbamoyl)-methyl ester, N-(3,4-dichloro-benzyl)-2-[4-(4-pyridin-2-yl-pyrimidin-2-yl)-phenoxy]-acetamide, 2-(5,6-Dimethyl-4-oxo-4H-thieno[2,3-d]pyrimidin-3-yl)-N-[(6-methoxy-benzothiazol-2-ylcarbamoyl)-methyl]-acetamide, (Naphthalen-1-ylcarbamoylmethylsulfanyl)-acetic acid (5-bromo-pyridin-2-ylcarbamoyl)-methyl ester, (benzooxazol-2-ylsulfanyl)-acetic acid (5-chloro-pyridin-2-ylcarbamoyl)-methyl ester, and 4-[2-(5,6-dimethyl-4-oxo-4H-thieno[2,3-d]pyrimidin-3-yl)-acetylamino]-N-(6-methoxy-benzothiazol-2-yl)-butyramide.

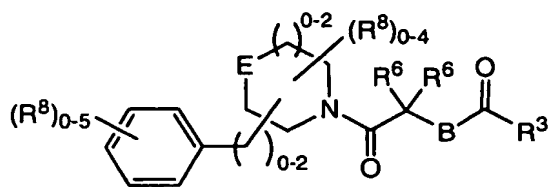
2. The compound of claim 1, according to one of the following formulae:



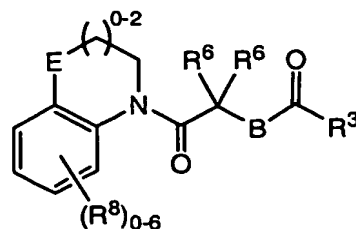
II



III



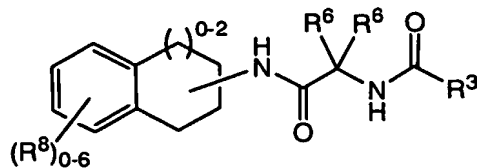
IV



V

wherein R^2 , R^3 , R^6 , and B are as defined above; Z is a five- to seven-membered ring; each R^8 is independently selected from -H, halogen, trihalomethyl, -CN, -NO₂, -NH₂, -OR⁵, -NR⁵R⁵, -S(O)₀₋₂R⁵, -SO₂NR⁵R⁵, -CO₂R⁵, -C(O)NR⁵R⁵, -N(R⁵)SO₂R⁵, -N(R⁵)C(O)R⁵, -N(R⁵)CO₂R⁵, -C(O)R⁵, optionally substituted lower alkyl, optionally substituted aryl, optionally substituted heterocyclylalkyl, and optionally substituted arylalkyl; two of R^8 , together with the atom or atoms to which they are attached, can combine to form a three- to seven-membered ring; and E is selected from -O-, -N(R⁹)-, -CH₂-, and -S(O)₀₋₂-, where R^9 is selected from -H, trihalomethyl, -S(O)₀₋₂R⁵, -SO₂NR⁵R⁵, -CO₂R⁵, -C(O)NR⁵R⁵, -C(O)R⁵, optionally substituted lower alkyl, optionally substituted aryl, optionally substituted heterocyclylalkyl, and optionally substituted arylalkyl.

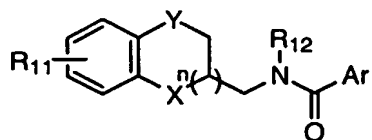
3. The compound according to claim 2, wherein B is selected from -O-, -N(R⁴)-, and -S(O)₀₋₁-.
4. The compound according to claim 3, according to either formula **II** or **III**.
5. The compound according to claim 4, wherein R^4 is -H or C₁₋₆alkyl.
6. The compound according to claim 5, wherein R^2 is -H or C₁₋₆alkyl.
7. The compound of claim 6, according to formula **IIa**.



IIa

8. The compound according to claim 7, wherein each R^6 is independently selected from -H, trihalomethyl, optionally substituted lower alkyl, optionally substituted aryl, optionally substituted heterocyclyl, optionally substituted heterocyclylalkyl, and optionally substituted arylalkyl.

9. The compound according to claim 8, wherein one of R^6 is -H, and the other R^6 is selected from trihalomethyl, optionally substituted lower alkyl, optionally substituted aryl, optionally substituted heterocyclyl, optionally substituted heterocyclalkyl, and optionally substituted arylalkyl.
10. The compound according to claim 9, wherein R^3 is selected from optionally substituted alkoxy, optionally substituted lower alkyl, optionally substituted aryl, optionally substituted lower arylalkyl, optionally substituted heterocyclyl, and optionally substituted lower heterocyclalkyl.
11. The compound according to claim 10, wherein R^3 is selected from lower alkyl substituted with an optionally substituted aryloxy or an optionally substituted heteroaryloxy, optionally substituted aryl, optionally substituted lower arylalkyl, optionally substituted heteroaryl, and optionally substituted lower heteroarylalkyl.
12. The compound according to claim 11, wherein R^3 is an aryl, said aryl substituted with at least one of an optionally substituted aryl and an optionally substituted heteroaryl.
13. The compound according to claim 12, wherein R^3 is an optionally substituted bis-phenyl.
14. The compound according to claim 13, wherein R^3 comprises an optionally substituted phenylene, wherein the point of attachment of R^3 according to formula IIa, and an optionally substituted phenyl bear a para relationship to one another about said optionally substituted phenylene.
15. A compound for modulating at least one kinase activity according to formula VI,



VI

or a pharmaceutically acceptable salt, hydrate, or prodrug thereof, wherein, each of R^{11} and R^{12} is independently selected from -H, halogen, trihalomethyl, -CN, -NO₂, -NR¹⁴R¹⁴, -S(O)₀₋₂R¹⁴, -SO₂NR¹⁴R¹⁴, -CO₂R¹⁴, -C(O)NR¹⁴R¹⁴, -N(R¹⁴)SO₂R¹⁴, -N(R¹⁴)C(O)R¹⁴, -N(R¹⁴)CO₂R¹⁴, -OR¹⁴, -C(O)R¹⁴, optionally substituted lower alkyl, optionally substituted alkoxy, optionally substituted aryl, optionally substituted heterocyclyl, optionally substituted heterocyclalkyl, and optionally substituted arylalkyl;

R¹⁴ is selected from -H, optionally substituted lower alkyl, optionally substituted aryl, optionally substituted lower arylalkyl, optionally substituted heterocyclyl, and optionally substituted lower heterocyclylalkyl;

each of X and Y is independently selected from -O-, -N(R¹⁴)-, and -S(O)₀₋₂-;

n is selected from an integer from 0-2;

Ar is an optionally substituted aryl that may be substituted with up to three R¹¹, wherein two adjacent R¹¹'s, together with the annular atoms to which they are attached, can form a five- to seven-membered ring containing up to three heteroatoms and optionally substituted with up to three of R¹⁵;

each R¹⁵ is independently selected from -H, halo, trihalomethyl, -CN, -NO₂, -OR¹⁶, -N(R¹⁶)R¹⁶, -S(O)₀₋₂R¹⁶, -SO₂N(R¹⁶)R¹⁶, -CO₂R¹⁶, -C(=O)N(R¹⁶)R¹⁶, -C(=NR¹⁷)N(R¹⁶)R¹⁶, -C(=NR¹⁷)R¹⁶, -N(R¹⁶)SO₂R¹⁶, -N(R¹⁶)C(O)R¹⁶, -NCO₂R¹⁶, -C(=O)R¹⁶, optionally substituted alkoxy, optionally substituted lower alkyl, optionally substituted aryl, optionally substituted lower arylalkyl, optionally substituted heterocyclyl, and optionally substituted lower heterocyclylalkyl;

R¹⁶ is selected from -H, optionally substituted lower alkyl, optionally substituted aryl, optionally substituted lower arylalkyl, optionally substituted heterocyclyl, and optionally substituted lower heterocyclylalkyl; and

R¹⁷ is selected from -H, -CN, -NO₂, -OR¹⁶, -S(O)₀₋₂R¹⁶, -CO₂R¹⁶, optionally substituted lower alkyl, optionally substituted lower alkenyl, and optionally substituted lower alkynyl.

16. A compound according to claim 15, wherein X is O.
17. A compound according to claim 16, wherein Y is O.
18. A compound according to claim 17, wherein R¹¹ is -H.
19. A compound according to claim 18, wherein R¹² is -H.
20. A compound according to claim 19, wherein n is 1.
21. A compound according to claim 20, wherein Ar is substituted aryl and two adjacent R¹¹'s, together with the annular atoms to which they are attached, form a substituted six-membered ring containing up to three heteroatoms.

22. A compound according to claim 20, wherein Ar is substituted aryl and two adjacent R¹¹'s, together with the annular atoms to which they are attached, form a substituted seven-membered ring containing up to three heteroatoms.

23. The compound according to claim 1 or 15, selected from the following:

Table 3

| Entry | Name | Structure |
|-------|--|-----------|
| 1 | N-[2-oxo-2-(1,2,3,4-tetrahydronaphthalen-1-ylamino)ethyl]-4-(pentyloxy)benzamide | |
| 2 | N-2-~{[(4-[(phenylmethyl)oxy]phenyl)oxy]acetyl}-N-(1,2,3,4-tetrahydronaphthalen-1-yl)glycinamide | |
| 3 | N-2-~{[(4-bromophenyl)oxy]acetyl}-N-(1,2,3,4-tetrahydronaphthalen-1-yl)glycinamide | |
| 4 | 4'-ethyl-N-[2-oxo-2-(1,2,3,4-tetrahydronaphthalen-1-ylamino)ethyl]biphenyl-4-carboxamide | |

Table 3

| Entry | Name | Structure |
|-------|--|-----------|
| 5 | 4'-ethyl-N-[1-methyl-2-oxo-2-(1,2,3,4-tetrahydronaphthalen-2-ylamino)ethyl]biphenyl-4-carboxamide | |
| 6 | 4-(hexyloxy)-N-[2-oxo-2-(1,2,3,4-tetrahydronaphthalen-1-ylamino)ethyl]benzamide | |
| 7 | 2-cyclopentyl-N-[2-oxo-1-pyridin-3-yl-2-(1,2,3,4-tetrahydronaphthalen-1-ylamino)ethyl]-2-phenylacetamide | |
| 8 | 4-(heptyloxy)-N-[2-oxo-2-(1,2,3,4-tetrahydronaphthalen-1-ylamino)ethyl]benzamide | |
| 9 | N-[1-methyl-2-oxo-2-(1,2,3,4-tetrahydronaphthalen-2-ylamino)ethyl]-4-(pentyloxy)benzamide | |

Table 3

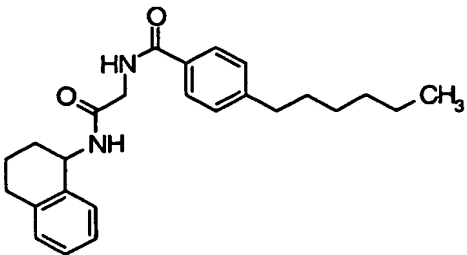
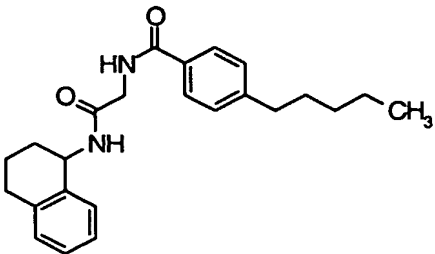
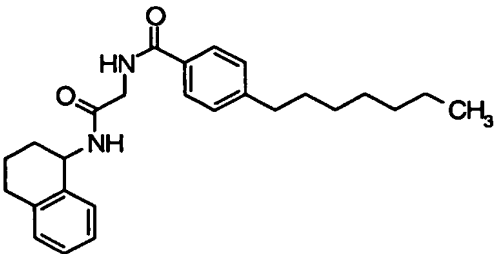
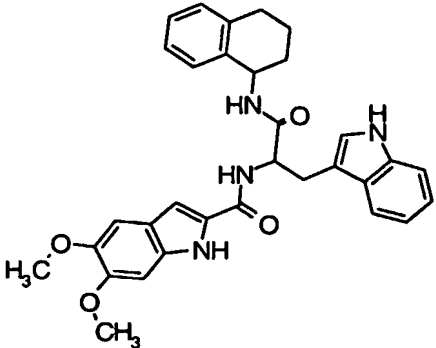
| Entry | Name | Structure |
|-------|--|--|
| 10 | 4-hexyl-N-[2-oxo-2-(1,2,3,4-tetrahydronaphthalen-1-ylamino)ethyl]benzamide |  |
| 11 | N-[2-oxo-2-(1,2,3,4-tetrahydronaphthalen-1-ylamino)ethyl]-4-pentylbenzamide |  |
| 12 | 4-heptyl-N-[2-oxo-2-(1,2,3,4-tetrahydronaphthalen-1-ylamino)ethyl]benzamide |  |
| 13 | Nalpha-([5,6-bis(methoxy)-1H-indol-2-yl]carbonyl)-N-(1,2,3,4-tetrahydronaphthalen-1-yl)tryptophanamide |  |

Table 3

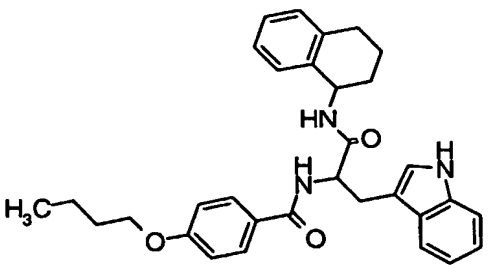
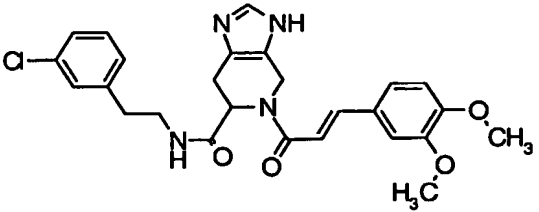
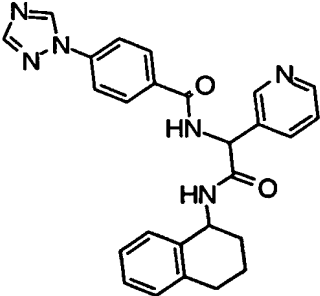
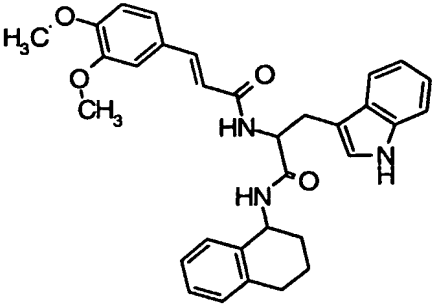
| Entry | Name | Structure |
|-------|--|--|
| 14 | Nalpha-([4-(butyloxy)phenyl]carbonyl)-N-(1,2,3,4-tetrahydronaphthalen-1-yl)tryptophanamide |  |
| 15 | 5-((2E)-3-[3,4-bis(methyloxy)phenyl]prop-2-enoyl)-N-[2-(3-chlorophenyl)ethyl]-4,5,6,7-tetrahydro-3H-imidazo[4,5-c]pyridine-6-carboxamide |  |
| 16 | N-[2-oxo-1-pyridin-3-yl-2-(1,2,3,4-tetrahydronaphthalen-1-ylamino)ethyl]-4-(1H-1,2,4-triazol-1-yl)benzamide |  |
| 17 | Nalpha-((2E)-3-[3,4-bis(methyloxy)phenyl]prop-2-enoyl)-N-(1,2,3,4-tetrahydronaphthalen-1-yl)tryptophanamide |  |

Table 3

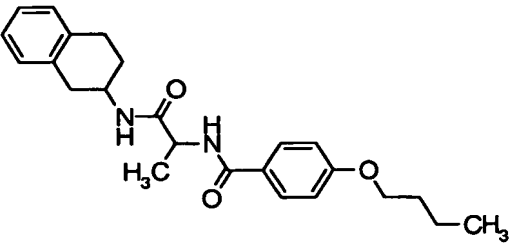
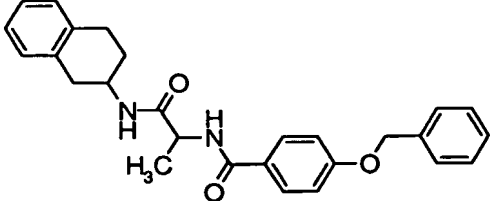
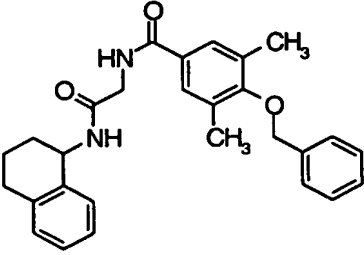
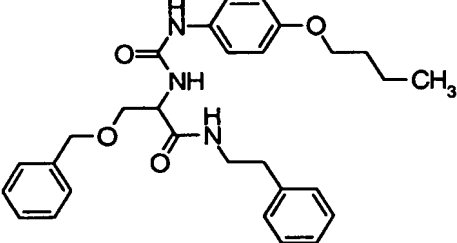
| Entry | Name | Structure |
|-------|---|--|
| 18 | 4-(butyloxy)-N-[1-methyl-2-oxo-2-(1,2,3,4-tetrahydronaphthalen-2-ylamino)ethyl]benzamide |  |
| 19 | N-[1-methyl-2-oxo-2-(1,2,3,4-tetrahydronaphthalen-2-ylamino)ethyl]-4-[(phenylmethyl)oxy]benzamide |  |
| 20 | 3,5-dimethyl-N-[2-oxo-2-(1,2,3,4-tetrahydronaphthalen-1-ylamino)ethyl]-4-[(phenylmethyl)oxy]benzamide |  |
| 21 | N-2-~{[4-(butyloxy)phenyl]amino}carbonyl)-N-(2-phenylethyl)-O-(phenylmethyl)serinamide |  |

Table 3

| Entry | Name | Structure |
|-------|---|-----------|
| 22 | (2S)-N-1--(4-butylphenyl)-N-2--[(3,4-dichlorophenyl)methyl]pyrrolidine-1,2-dicarboxamide | |
| 23 | N-[6-(methyloxy)-1,3-benzothiazol-2-yl]-4-[[[(4-oxo-5,6,7,8-tetrahydro[1]benzothieno[2,3-d]pyrimidin-3(4H)-yl)acetyl]amino]butanamide | |
| 24 | (2S)-N-2--[(3,4-dichlorophenyl)methyl]-N-1--[4-(1-methylethyl)phenyl]pyrrolidine-1,2-dicarboxamide | |
| 25 | N-2--{[(4-bromophenyl)oxy]acetyl}-N-[(3,4-dichlorophenyl)methyl]glycinamide | |

Table 3

| Entry | Name | Structure |
|-------|--|-----------|
| 26 | N-[2-oxo-1-pyridin-3-yl-2-(1,2,3,4-tetrahydronaphthalen-1-ylamino)ethyl]-4-[(E)-phenyldiazenyl]benzamide | |
| 27 | 4-(butyloxy)-N-[2-oxo-2-(1,2,3,4-tetrahydronaphthalen-1-ylamino)ethyl]benzamide | |
| 28 | N-2-~{[3-(methyloxy)phenyl]oxy}acetyl)-N-(1,2,3,4-tetrahydronaphthalen-1-yl)glycinamide | |
| 29 | 4-butyl-N-[2-oxo-2-(1,2,3,4-tetrahydronaphthalen-1-ylamino)ethyl]benzamide | |
| 30 | N-2-~{(2E)-3-[3,4-bis(methyloxy)phenyl]prop-2-enoyl)-N-(diphenylmethyl)-O-(phenylmethyl)serinamide | |

Table 3

| Entry | Name | Structure |
|-------|--|-----------|
| 31 | N-(1,2,3,4-tetrahydronaphthalen-1-yl)-N-2-~{[(4-(trifluoromethyl)oxy)phenyl]oxy}acetyl}glycinamide | |
| 32 | N-{3-methyl-1-[(1,2,3,4-tetrahydronaphthalen-1-ylamino)carbonyl]butyl}biphenyl-4-carboxamide | |
| 33 | N-2-~{[(4-(1,1-dimethylethyl)phenyl]oxy}acetyl}-N-(1,2,3,4-tetrahydronaphthalen-1-yl)glycinamide | |
| 34 | N-2-~{[(4-chlorophenyl)oxy]acetyl}-N-(1,2,3,4-tetrahydronaphthalen-1-yl)glycinamide | |
| 35 | N-2-~{[4-(pentyloxy)phenyl]carbonyl}-N-(1,2,3,4-tetrahydronaphthalen-1-yl)leucinamide | |

Table 3

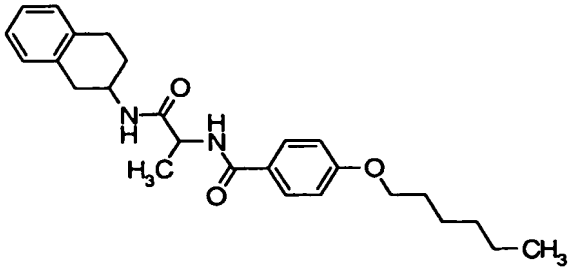
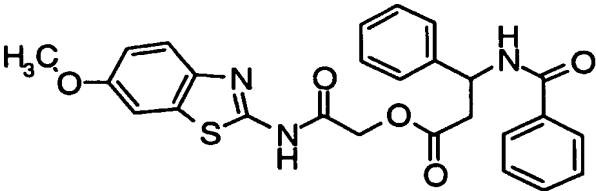
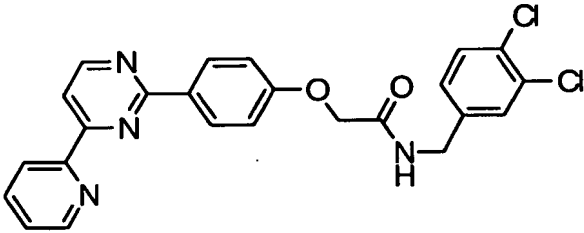
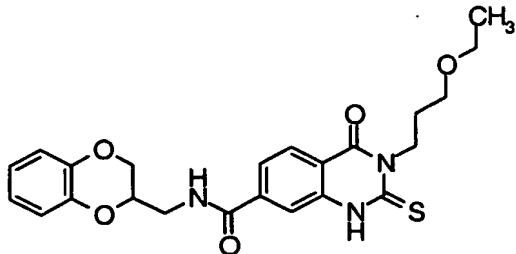
| Entry | Name | Structure |
|-------|--|--|
| 36 | 4-(hexyloxy)-N-[1-methyl-2-oxo-2-(1,2,3,4-tetrahydronaphthalen-2-ylamino)ethyl]benzamide |  |
| 37 | 2-[[6-(methyloxy)-1,3-benzothiazol-2-yl]amino]-2-oxoethyl 3-phenyl-3-[(phenylcarbonyl)amino]propanoate |  |
| 38 | N-[(3,4-dichlorophenyl)methyl]-2-[[4-(4-pyridin-2-ylpyrimidin-2-yl)phenyl]oxy]acetamide |  |
| 39 | N-(2,3-dihydro-1,4-benzodioxin-2-ylmethyl)-3-[3-(ethyloxy)propyl]-4-oxo-2-thioxo-1,2,3,4-tetrahydroquinazoline-7-carboxamide |  |

Table 3

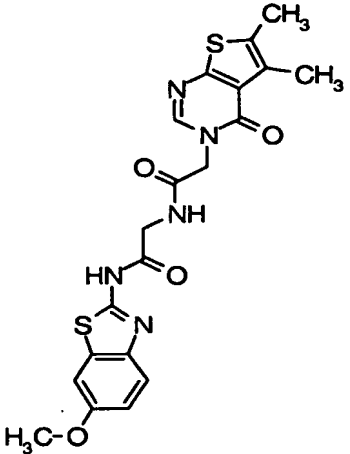
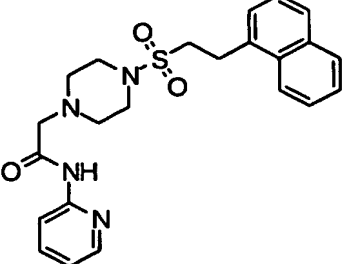
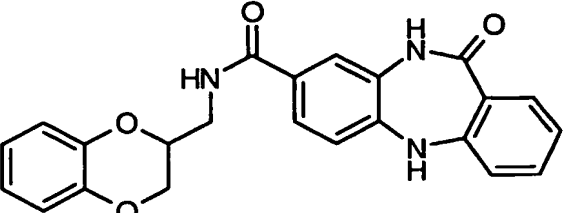
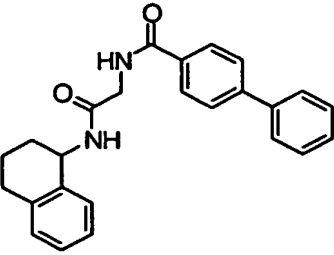
| Entry | Name | Structure |
|-------|---|--|
| 40 | N-2-~-[[(5,6-dimethyl-4-oxothieno[2,3-d]pyrimidin-3(4H)-yl)acetyl]-N-[6-(methyloxy)-1,3-benzothiazol-2-yl]glycinamide |  |
| 41 | 2-{4-[(2-naphthalen-1-ylethyl)sulfonyl]piperazin-1-yl}-N-pyridin-2-ylacetamide |  |
| 42 | N-(2,3-dihydro-1,4-benzodioxin-2-ylmethyl)-11-oxo-10,11-dihydro-5H-dibenzo[b,e][1,4]diazepine-8-carboxamide |  |
| 43 | N-[2-oxo-2-(1,2,3,4-tetrahydronaphthalen-1-ylamino)ethyl]biphenyl-4-carboxamide |  |

Table 3

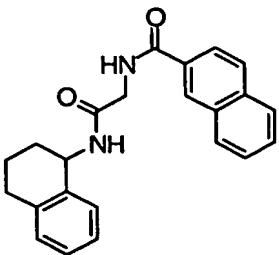
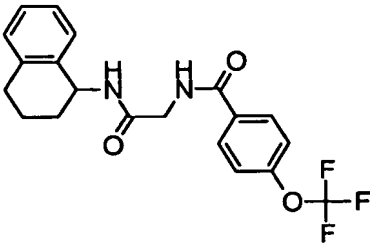
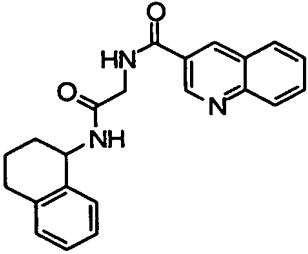
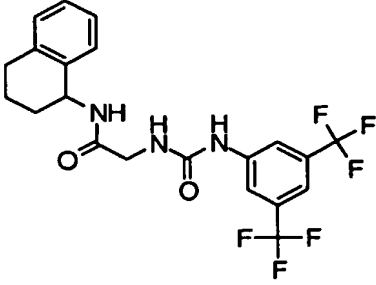
| Entry | Name | Structure |
|-------|---|--|
| 44 | N-[2-oxo-2-(1,2,3,4-tetrahydronaphthalen-1-ylamino)ethyl]naphthalene-2-carboxamide |  |
| 45 | N-[2-oxo-2-(1,2,3,4-tetrahydronaphthalen-1-ylamino)ethyl]-4-[(trifluoromethyl)oxy]benzamide |  |
| 46 | N-[2-oxo-2-(1,2,3,4-tetrahydronaphthalen-1-ylamino)ethyl]quinoline-3-carboxamide |  |
| 47 | N-2-~{[3,5-bis(trifluoromethyl)phenyl]amino}carbonyl-N-(1,2,3,4-tetrahydronaphthalen-1-yl)glycinamide |  |

Table 3

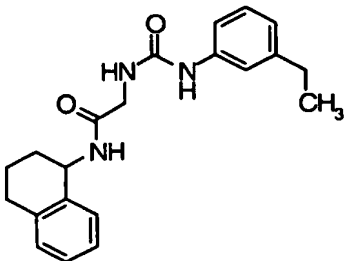
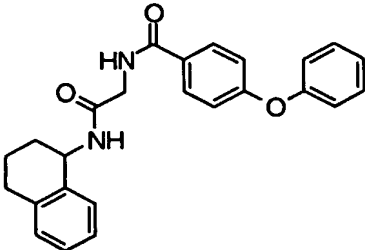
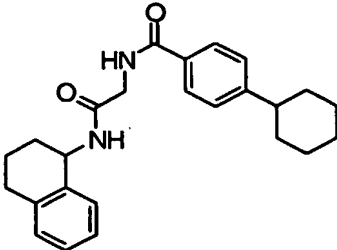
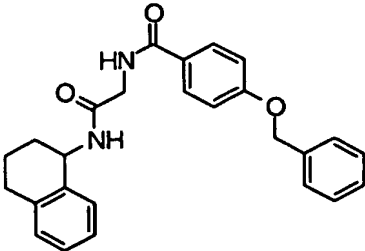
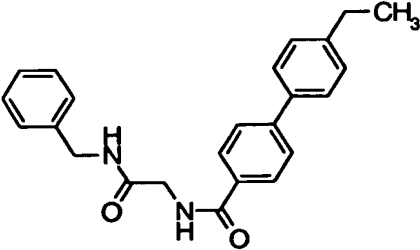
| Entry | Name | Structure |
|-------|--|--|
| 48 | N-2-~{[(3-ethylphenyl)amino]carbonyl}-N-(1,2,3,4-tetrahydronaphthalen-1-yl)glycinamide |  |
| 49 | N-[2-oxo-2-(1,2,3,4-tetrahydronaphthalen-1-ylamino)ethyl]-4-(phenyloxy)benzamide |  |
| 50 | 4-cyclohexyl-N-[2-oxo-2-(1,2,3,4-tetrahydronaphthalen-1-ylamino)ethyl]benzamide |  |
| 51 | N-[2-oxo-2-(1,2,3,4-tetrahydronaphthalen-1-ylamino)ethyl]-4-[(phenylmethyl)oxy]benzamide |  |
| 52 | 4'-ethyl-N-{2-oxo-2-[(phenylmethyl)amino]ethyl}biphenyl-1-4-carboxamide |  |

Table 3

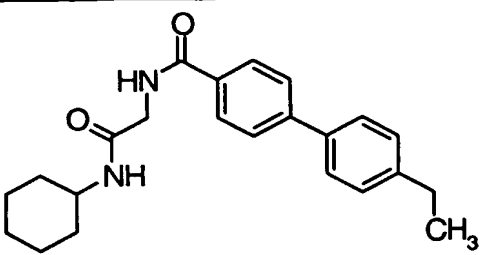
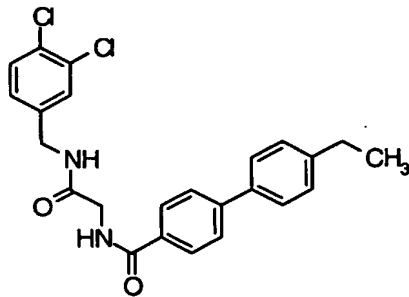
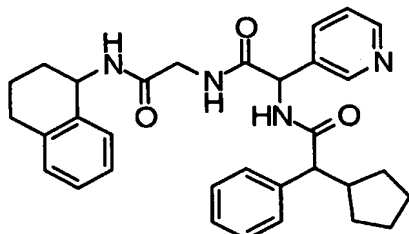
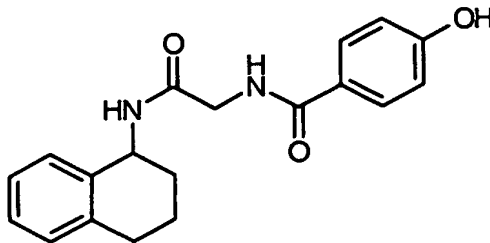
| Entry | Name | Structure |
|-------|--|--|
| 53 | N-[2-(cyclohexylamino)-2-oxoethyl]-4'-ethylbiphenyl-4-carboxamide |  |
| 54 | N-(2-[[[(3,4-dichlorophenyl)methyl]amino]-2-oxoethyl]-4'-ethylbiphenyl-4-carboxamide |  |
| 55 | N-2-[[[(cyclopentyl(phenyl)acetyl]amino)(pyridin-3-yl)acetyl]-N-(1,2,3,4-tetrahydronaphthalen-1-yl)glycinamide |  |
| 56 | 4-hydroxy-N-[2-oxo-2-(1,2,3,4-tetrahydronaphthalen-1-ylamino)ethyl]benzamide |  |

Table 3

| Entry | Name | Structure |
|-------|--|-----------|
| 57 | N-[2-(1,3-dihydro-2H-isoindol-2-yl)-2-oxoethyl]-4'-ethylbiphenyl-4-carboxamide | |
| 58 | 4-morpholin-4-yl-N-[2-oxo-2-(1,2,3,4-tetrahydronaphthalen-1-ylamino)ethyl]benzamide | |
| 59 | 5,6-bis(methoxy)-N-[2-oxo-2-(1,2,3,4-tetrahydronaphthalen-1-ylamino)ethyl]-1H-indole-2-carboxamide | |
| 60 | N-[2-(3,4-dihydroisoquinolin-2(1H)-yl)-2-oxoethyl]-4'-ethylbiphenyl-4-carboxamide | |
| 61 | 4'-ethyl-N-[2-oxo-2-[(1S)-1,2,3,4-tetrahydronaphthalen-1-ylamino]ethyl]biphenyl-4-carboxamide | |

Table 3

| Entry | Name | Structure |
|-------|---|-----------|
| 62 | 2-amino-N-4-[(2,3-dihydro-1,4-benzodioxin-2-ylmethyl)-N-1-[(3-ethoxy)propyl]benzene-1,4-dicarboxamide | |
| 63 | N-{3-[(2-[[6-(methoxy)-1,3-benzothiazol-2-yl]amino]-2-oxoethyl)amino]-3-oxo-1-phenylpropyl}benzamide | |
| 64 | 4'-ethyl-N-(2-[[6-(methoxy)-1,3-benzothiazol-2-yl]amino]-2-oxoethyl)biphenyl-4-carboxamide | |
| 65 | N-[2-[(2,3-dihydro-1,4-benzodioxin-2-ylmethyl)amino]-2-oxoethyl]-4'-ethylbiphenyl-4-carboxamide | |
| 66 | 4'-ethyl-N-methyl-N-[2-oxo-2-(1,2,3,4-tetrahydronaphthalen-1-ylamino)ethyl]biphenyl-4-carboxamide | |

Table 3

| Entry | Name | Structure |
|-------|---|-----------|
| 67 | 4'-ethyl-N-[2-(naphthalen-1-ylamino)-2-oxoethyl]biphenyl-4-carboxamide | |
| 68 | 4'-ethyl-N-[2-oxo-2-(4-phenylpiperazin-1-yl)ethyl]biphenyl-4-carboxamide | |
| 69 | N-2-[(biphenyl-4-ylmethyl)-N-(1,2,3,4-tetrahydronaphthalen-1-yl)]glycinamide | |
| 70 | 4-(1H-imidazol-1-yl)-N-[2-oxo-2-(1,2,3,4-tetrahydronaphthalen-1-ylamino)ethyl]benzamide | |
| 71 | 4-(1,3-oxazol-5-yl)-N-[2-oxo-2-(1,2,3,4-tetrahydronaphthalen-1-ylamino)ethyl]benzamide | |

Table 3

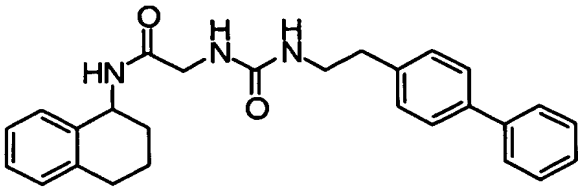
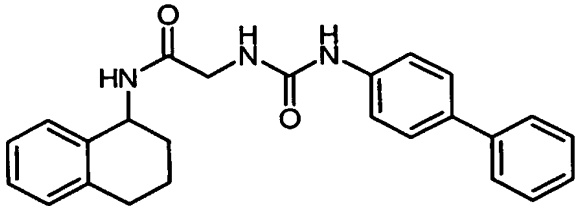
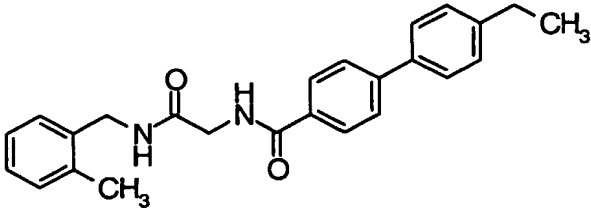
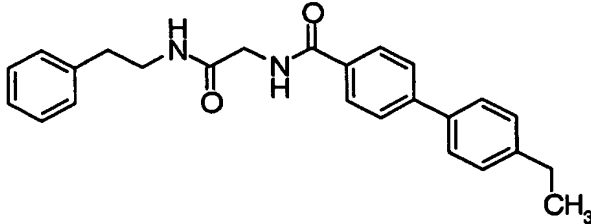
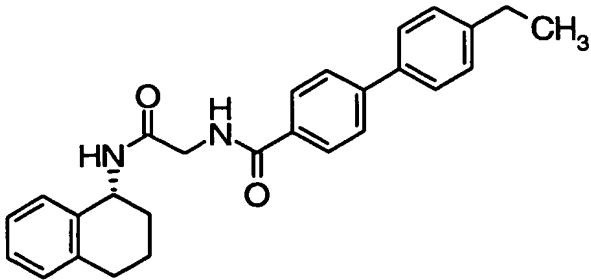
| Entry | Name | Structure |
|-------|---|--|
| 72 | N-2-~{[(2-biphenyl-4-ylethyl)amino]carbonyl}-N-(1,2,3,4-tetrahydronaphthalen-1-yl)glycinamide |  |
| 73 | N-2-~{[(biphenyl-4-ylamino)carbonyl]-N-(1,2,3,4-tetrahydronaphthalen-1-yl)glycinamide |  |
| 74 | 4'-ethyl-N-(2-~{[(2-methylphenyl)methyl]amino}-2-oxoethyl)biphenyl-4-carboxamide |  |
| 75 | 4'-ethyl-N-{2-oxo-2-[(2-phenylethyl)amino]ethyl}biphenyl-4-carboxamide |  |
| 76 | 4'-ethyl-N-{2-oxo-2-[(1R)-1,2,3,4-tetrahydronaphthalen-1-ylamino]ethyl}biphenyl-4-carboxamide |  |

Table 3

| Entry | Name | Structure |
|-------|--|-----------|
| 77 | N-[2-oxo-2-(1,2,3,4-tetrahydronaphthalen-1-ylamino)ethyl]-4-piperidin-1-ylbenzamide | |
| 78 | 4'-ethyl-N-{2-oxo-2-[(1-phenylethyl)amino]ethyl}biphenyl-4-carboxamide | |
| 79 | 4'-ethyl-N-[2-oxo-2-([(2-(trifluoromethyl)phenyl)methyl]amino)ethyl]biphenyl-4-carboxamide | |
| 80 | N-[2-oxo-2-(1,2,3,4-tetrahydronaphthalen-1-ylamino)ethyl]quinoline-6-carboxamide | |
| 81 | N-(3-oxo-3-[[2-oxo-2-(1,2,3,4-tetrahydronaphthalen-1-ylamino)ethyl]amino]-1-phenylpropyl)benzamide | |

Table 3

| Entry | Name | Structure |
|-------|---|-----------|
| 82 | N-[2-oxo-2-(1,2,3,4-tetrahydronaphthalen-1-ylamino)ethyl]-5,6,7,8-tetrahydronaphthalene-2-carboxamide | |
| 83 | 4'-ethyl-N-{2-oxo-2-[(1-phenylpropyl)amino]ethyl}biphenyl-4-carboxamide | |
| 84 | 3-(acetylamino)-N-(2-[[6-(methyloxy)-1,3-benzothiazol-2-yl]amino]-2-oxoethyl)-3-phenylpropanamide | |
| 85 | N-(phenylcarbonyl)-beta-alanyl-N-[6-(methyloxy)-1,3-benzothiazol-2-yl]glycinamide | |
| 86 | N-[2-oxo-2-(5,6,7,8-tetrahydronaphthalen-1-ylamino)ethyl]quinoline-6-carboxamide | |

Table 3

| Entry | Name | Structure |
|-------|--|-----------|
| 87 | N-[2-oxo-2-(5,6,7,8-tetrahydronaphthalen-1-ylamino)ethyl]quinoline-3-carboxamide | |
| 88 | N-[2-oxo-2-(1,2,3,4-tetrahydronaphthalen-1-ylamino)ethyl]-3-piperidin-1-ylpropanamide | |
| 89 | N-[2-oxo-2-(5,6,7,8-tetrahydronaphthalen-1-ylamino)ethyl]-4-piperidin-1-ylbenzamide | |
| 90 | N-(3-([2-(1,3-benzothiazol-2-ylamino)-2-oxoethyl]amino)-3-oxo-1-phenylpropyl)benzamide | |
| 91 | N-[2-oxo-2-(1,2,3,4-tetrahydronaphthalen-1-ylamino)ethyl]-4-phenylpiperazine-1-carboxamide | |

Table 3

| Entry | Name | Structure |
|-------|--|-----------|
| 92 | N-(3-oxo-3-([2-oxo-2-(1,3-thiazol-2-ylamino)ethyl]amino)-1-phenylpropyl)benzamide | |
| 93 | N-[3-({2-[(4-methyl-1,3-thiazol-2-yl)amino]-2-oxoethyl}amino)-3-oxo-1-phenylpropyl]benzamide | |
| 94 | N-{3-[(2-{[5-(methyloxy)[1,3]thiazolo[5,4-b]pyridin-2-yl]amino}-2-oxoethyl)amino]-3-oxo-1-phenylpropyl}benzamide | |
| 95 | 1,1-dimethylethyl 4-((N-[(4'-ethylbiphenyl-4-yl)carbonyl]glycyl)amino)-3,4-dihydroisoquinoline-2(1H)-carboxylate | |

Table 3

| Entry | Name | Structure |
|-------|--|-----------|
| 96 | 4'-ethyl-N-[2-oxo-2-(1,2,3,4-tetrahydroisoquinolin-4-ylamino)ethyl]biphenyl-4-carboxamide | |
| 97 | N-{3-[(6-hydroxy-1,3-benzothiazol-2-yl)amino]-3-oxo-1-phenylpropyl}benzamide | |
| 98 | N-[3-({2-[(6-hydroxy-1,3-benzothiazol-2-yl)amino]-2-oxoethyl}amino)-3-oxo-1-phenylpropyl]benzamide | |
| 99 | 2-[(5-bromopyridin-2-yl)amino]-2-oxoethyl {[2-(naphthalen-1-ylamino)-2-oxoethyl]thio}acetate | |
| 100 | 2-[(5-chloropyridin-2-yl)amino]-2-oxoethyl (1,3-benzoxazol-2-ylthio)acetate | |

Table 3

| Entry | Name | Structure |
|-------|--|-----------|
| 101 | 4-[[[(5,6-dimethyl-4-oxothieno[2,3-d]pyrimidin-3(4H)-yl)acetyl]amino]-N-[6-(methoxy)-1,3-benzothiazol-2-yl]]butanamide | |

24. A pharmaceutical composition comprising a compound according to any one of claims 1-23 and a pharmaceutically acceptable carrier.

25. A metabolite of the compound or the pharmaceutical composition according to any one of claims 1-24.

26. A method of modulating the *in vivo* activity of a kinase, the method comprising administering to a subject an effective amount of either the compound or the pharmaceutical composition according to any of claims 1-24, or a compound, or pharmaceutical composition comprising said compound and a pharmaceutically acceptable carrier, selected from the group consisting of 3-benzoylamino-3-phenyl-propionic acid (6-methoxy-benzothiazol-2-ylcarbamoyl)-methyl ester, N-(3,4-dichloro-benzyl)-2-[4-(4-pyridin-2-yl-pyrimidin-2-yl)-phenoxy]-acetamide, 2-(5,6-dimethyl-4-oxo-4H-thieno[2,3-d]pyrimidin-3-yl)-N-[(6-methoxy-benzothiazol-2-ylcarbamoyl)-methyl]-acetamide, (naphthalen-1-ylcarbamoylmethylsulfanyl)-acetic acid (5-bromo-pyridin-2-ylcarbamoyl)-methyl ester, (benzooxazol-2-ylsulfanyl)-acetic acid (5-chloro-pyridin-2-ylcarbamoyl)-methyl ester, and 4-[2-(5,6-dimethyl-4-oxo-4H-thieno[2,3-d]pyrimidin-3-yl)-acetylamino]-N-(6-methoxy-benzothiazol-2-yl)-butyramide.

27. The method according to claim 26, wherein the kinase is at least one of KIAA1361, TAO, and JIK.

28. The method according to claim 27, wherein modulating the *in vivo* activity of the kinase comprises inhibition of said kinase.

29. A method of treating diseases or disorders associated with uncontrolled, abnormal, and/or unwanted cellular activities, the method comprising administering, to a mammal in need thereof, a therapeutically effective amount of either the compound or the pharmaceutical composition as described in any one of claims 1-24, or a compound, or pharmaceutical composition comprising said compound and a pharmaceutically acceptable carrier, selected from the group consisting of 3-benzoylamino-3-phenyl-propionic acid (6-methoxy-benzothiazol-2-ylcarbamoyle)-methyl ester, N-(3,4-dichloro-benzyl)-2-[4-(4-pyridin-2-yl-pyrimidin-2-yl)-phenoxy]-acetamide, 2-(5,6-Dimethyl-4-oxo-4H-thieno[2,3-d]pyrimidin-3-yl)-N-[(6-methoxy-benzothiazol-2-ylcarbamoyle)-methyl]-acetamide, (Naphthalen-1-ylcarbamoyle)methylsulfanyl)-acetic acid (5-bromo-pyridin-2-ylcarbamoyle)-methyl ester, (benzooxazol-2-ylsulfanyl)-acetic acid (5-chloro-pyridin-2-ylcarbamoyle)-methyl ester, and 4-[2-(5,6-dimethyl-4-oxo-4H-thieno[2,3-d]pyrimidin-3-yl)-acetylamino]-N-(6-methoxy-benzothiazol-2-yl)-butyramide.

30. A method of screening for a modulator of a kinase, said kinase selected from KIAA1361, TAO, and JIK, the method comprising combining either a compound according to any one of claims 1-23, or a compound selected from the group consisting of 3-benzoylamino-3-phenyl-propionic acid (6-methoxy-benzothiazol-2-ylcarbamoyle)-methyl ester, N-(3,4-dichloro-benzyl)-2-[4-(4-pyridin-2-yl-pyrimidin-2-yl)-phenoxy]-acetamide, 2-(5,6-dimethyl-4-oxo-4H-thieno[2,3-d]pyrimidin-3-yl)-N-[(6-methoxy-benzothiazol-2-ylcarbamoyle)-methyl]-acetamide, (naphthalen-1-ylcarbamoyle)methylsulfanyl)-acetic acid (5-bromo-pyridin-2-ylcarbamoyle)-methyl ester, (benzooxazol-2-ylsulfanyl)-acetic acid (5-chloro-pyridin-2-ylcarbamoyle)-methyl ester, and 4-[2-(5,6-dimethyl-4-oxo-4H-thieno[2,3-d]pyrimidin-3-yl)-acetylamino]-N-(6-methoxy-benzothiazol-2-yl)-butyramide, and at least one candidate agent and determining the effect of the candidate agent on the activity of said kinase.

31. A method of inhibiting proliferative activity in a cell, the method comprising administering an effective amount of a composition comprising a compound according any one of claims 1-23, or a compound selected from the group consisting of 3-benzoylamino-3-phenyl-propionic acid (6-methoxy-benzothiazol-2-ylcarbamoyle)-methyl ester, N-(3,4-dichloro-benzyl)-2-[4-(4-pyridin-2-yl-pyrimidin-2-yl)-phenoxy]-acetamide, 2-(5,6-dimethyl-4-oxo-4H-thieno[2,3-d]pyrimidin-3-yl)-N-[(6-methoxy-benzothiazol-2-ylcarbamoyle)-methyl]-acetamide, (naphthalen-1-ylcarbamoyle)methylsulfanyl)-acetic acid (5-bromo-pyridin-2-ylcarbamoyle)-methyl ester, (benzooxazol-2-ylsulfanyl)-acetic acid (5-

chloro-pyridin-2-ylcarbamoyl)-methyl ester, and 4-[2-(5,6-dimethyl-4-oxo-4H-thieno[2,3-d]pyrimidin-3-yl)-acetylamino]-N-(6-methoxy-benzothiazol-2-yl)-butyramide, to a cell or a plurality of cells.